

10/774043

***** SEARCH HISTORY *****

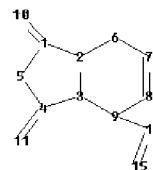
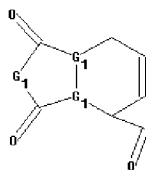
=> d his nof

(FILE 'HOME' ENTERED AT 09:57:55 ON 18 MAR 2009)

FILE 'REGISTRY' ENTERED AT 09:58:16 ON 18 MAR 2009

L1 STRUCTURE UPLOADED
D

Uploading L1.str



chain nodes :
10 11 12 15
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
1-10 4-11 9-12 12-15
ring bonds :
1-2 1-5 2-3 2-6 3-4 3-9 4-5 6-7 7-8 8-9
exact/norm bonds :
1-2 1-5 1-10 2-3 2-6 3-4 3-9 4-5 4-11 6-7 7-8 8-9 9-12 12-15

G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 15:CLASS

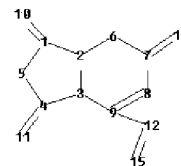
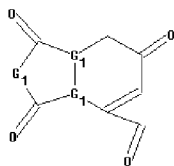
L2 6 SEA SSS SAM L1

FILE 'STNGUIDE' ENTERED AT 09:59:01 ON 18 MAR 2009

FILE 'REGISTRY' ENTERED AT 10:03:14 ON 18 MAR 2009

L3 STRUCTURE UPLOADED
D

Uploading L2.str



```

chain nodes :
10 11 12 15 16
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
1-10 4-11 7-16 9-12 12-15
ring bonds :
1-2 1-5 2-3 2-6 3-4 3-9 4-5 6-7 7-8 8-9
exact/norm bonds :
1-2 1-5 1-10 2-3 2-6 3-4 3-9 4-5 4-11 6-7 7-8 7-16 8-9 9-12 12-15

```

G1:C,N

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 15:CLASS 16:CLASS

```

```

L4          0 SEA SSS SAM L3
L5          7 SEA SSS SAM L1 OR L3
           D SCAN
L6         1514 SEA SSS FUL L1 OR L3
           SAVE TEMP L6 SPI043REL1L2/A

```

```

FILE 'HCAPLUS' ENTERED AT 10:10:27 ON 18 MAR 2009
L7          1 SEA ABB=ON PLU=ON US20060293372/PN

```

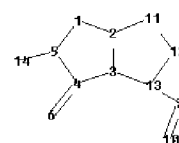
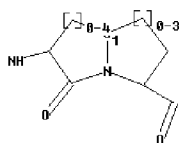
```

FILE 'REGISTRY' ENTERED AT 10:36:03 ON 18 MAR 2009
L8          STRUCTURE UPLOADED
           D

```

Uploading L3.str

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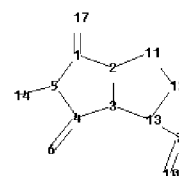
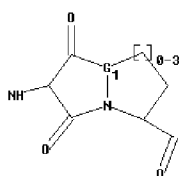
chain nodes :
6 7 10 14
ring nodes :
1 2 3 4 5 11 12 13
chain bonds :
4-6 5-14 7-10 7-13
ring bonds :
1-2 1-5 2-3 2-11 3-4 3-13 4-5 11-12 12-13
exact/norm bonds :
1-2 1-5 2-3 2-11 3-4 3-13 4-5 4-6 5-14 7-10 7-13 11-12 12-13

G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 11:Atom
12:Atom
13:Atom 14:CLASS

L9 STRUCTURE UPLOADED
D

Uploading L4.str



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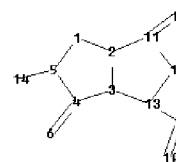
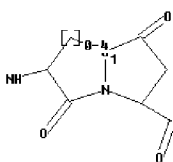
```
chain nodes :
6  7 10 14 17
ring nodes :
1  2  3  4  5 11 12 13
chain bonds :
1-17  4-6  5-14  7-10  7-13
ring bonds :
1-2  1-5  2-3  2-11  3-4  3-13  4-5  11-12  12-13
exact/norm bonds :
1-2  1-5  1-17  2-3  2-11  3-4  3-13  4-5  4-6  5-14  7-10  7-13  11-12  12-13
```

G1:C,N

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 11:Atom
12:Atom
13:Atom 14:CLASS 17:CLASS
```

L10 STRUCTURE UPLOADED
D

Uploading L5.str



```
chain nodes :
6  7 10 14 17
ring nodes :
1  2  3  4  5 11 12 13
chain bonds :
4-6  5-14  7-10  7-13  11-17
ring bonds :
1-2  1-5  2-3  2-11  3-4  3-13  4-5  11-12  12-13
exact/norm bonds :
1-2  1-5  2-3  2-11  3-4  3-13  4-5  4-6  5-14  7-10  7-13  11-12  11-17  12-13
```

G1:C,N

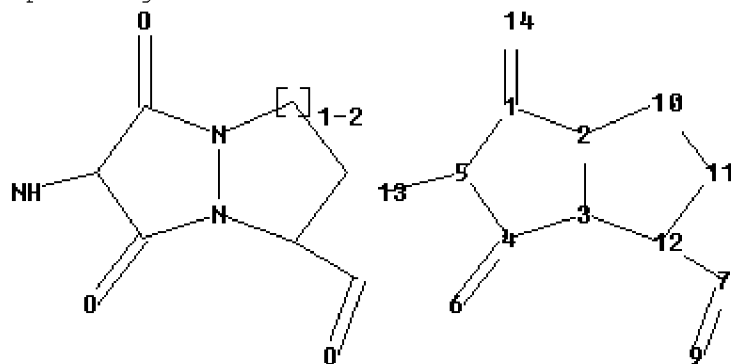
10/774043

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 10:CLASS 11:Atom
12:Atom
13:Atom 14:CLASS 17:CLASS

L11 0 SEA SUB=L6 SSS SAM L8 OR L9 OR L10
L12 0 SEA SUB=L6 SSS FUL L8 OR L9 OR L10
L13 50 SEA SSS SAM L8 OR L9 OR L10
L14 STRUCTURE UPLOADED
D

Uploading L6.str



chain nodes :

6 7 9 13 14

ring nodes :

1 2 3 4 5 10 11 12

chain bonds :

1-14 4-6 5-13 7-9 7-12

ring bonds :

1-2 1-5 2-3 2-10 3-4 3-12 4-5 10-11 11-12

exact/norm bonds :

1-2 1-5 1-14 2-3 2-10 3-4 3-12 4-5 4-6 5-13 7-9 10-11 11-12

exact bonds :

7-12

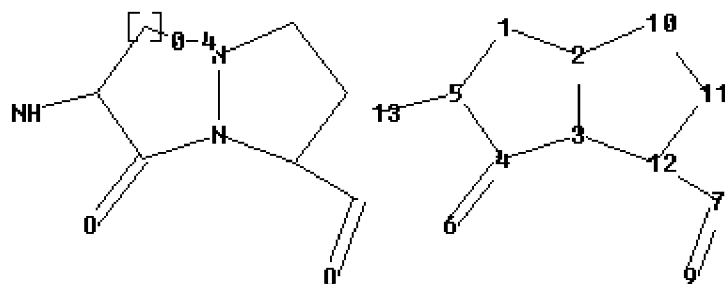
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom
12:Atom 13:CLASS 14:CLASS

L15 STRUCTURE UPLOADED
D

Uploading L7.str

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chain nodes :

6 7 9 13

ring nodes :

1 2 3 4 5 10 11 12

chain bonds :

4-6 5-13 7-9 7-12

ring bonds :

1-2 1-5 2-3 2-10 3-4 3-12 4-5 10-11 11-12

exact/norm bonds :

1-2 1-5 2-3 2-10 3-4 3-12 4-5 4-6 5-13 7-9 10-11 11-12

exact bonds :

7-12

Match level :

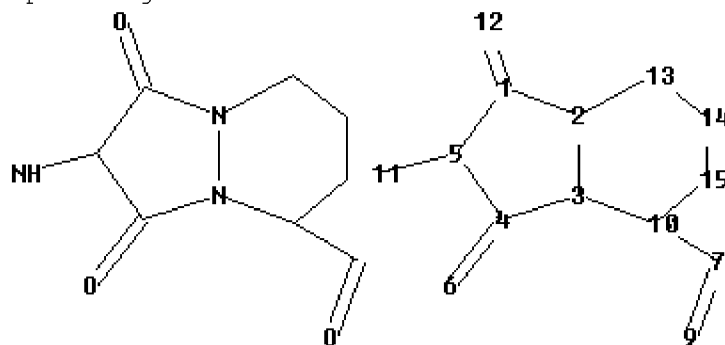
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom 11:Atom
12:Atom 13:CLASS

L16

STRUCTURE UPLOADED

D

Uploading L8.str



chain nodes :

6 7 9 11 12

ring nodes :

1 2 3 4 5 10 13 14 15

chain bonds :

1-12 4-6 5-11 7-9 7-10

ring bonds :

1-2 1-5 2-3 2-13 3-4 3-10 4-5 10-15 13-14 14-15

exact/norm bonds :

1-2 1-5 1-12 2-3 2-13 3-4 3-10 4-5 4-6 5-11 7-9 10-15 13-14 14-15

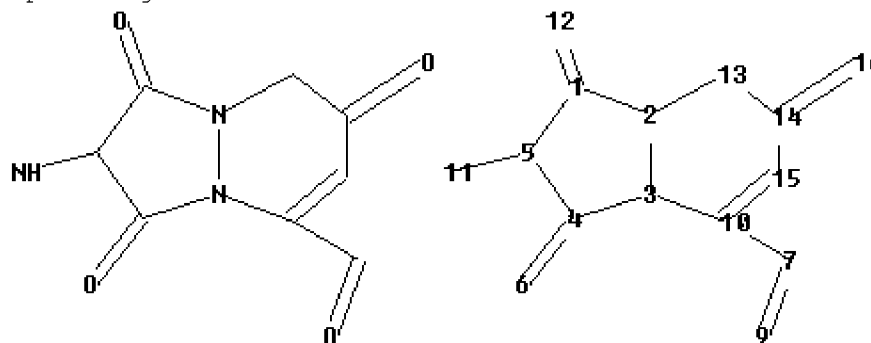
10/774043

exact bonds :
7-10

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom
11:CLASS
12:CLASS 13:Atom 14:Atom 15:Atom

L17 STRUCTURE UPLOADED
 D

Uploading L9.str



chain nodes :
6 7 9 11 12 16
ring nodes :
1 2 3 4 5 10 13 14 15
chain bonds :
1-12 4-6 5-11 7-9 7-10 14-16
ring bonds :
1-2 1-5 2-3 2-13 3-4 3-10 4-5 10-15 13-14 14-15
exact/norm bonds :
1-2 1-5 1-12 2-3 2-13 3-4 3-10 4-5 4-6 5-11 7-9 10-15 13-14 14-15 14-16

exact bonds :
7-10

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:Atom
11:CLASS
12:CLASS 13:Atom 14:Atom 15:Atom 16:CLASS

L18 0 SEA SUB=L6 SSS SAM L14 OR L15 OR L16 OR L17
L19 0 SEA SUB=L6 SSS FUL L14 OR L15 OR L16 OR L17

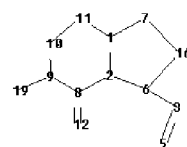
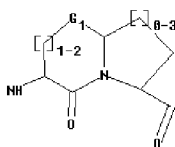
FILE 'STNGUIDE' ENTERED AT 10:47:04 ON 18 MAR 2009

FILE 'REGISTRY' ENTERED AT 10:56:10 ON 18 MAR 2009

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L20 STRUCTURE UPLOADED
 D

Uploading L10.str



chain nodes :
3 5 12 19
ring nodes :
1 2 6 7 8 9 10 11 16
chain bonds :
3-5 3-6 8-12 9-19
ring bonds :
1-7 1-2 1-11 2-6 2-8 6-16 7-16 8-9 9-10 10-11
exact/norm bonds :
1-7 1-2 1-11 2-6 2-8 3-5 3-6 6-16 7-16 8-9 8-12 9-10 9-19 10-11

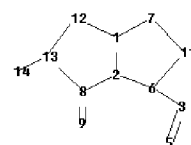
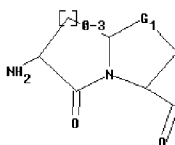
G1:O,S

Match level :
1:Atom 2:Atom 3:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:CLASS 16:Atom 19:CLASS

L21 STRUCTURE UPLOADED
 D

Uploading L11.str

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chain nodes :

3 5 9 14

ring nodes :

1 2 6 7 8 11 12 13

chain bonds :

3-5 3-6 8-9 13-14

ring bonds :

1-7 1-2 1-12 2-6 2-8 6-11 7-11 8-13 12-13

exact/norm bonds :

1-7 1-2 1-12 2-6 2-8 3-5 3-6 6-11 7-11 8-9 8-13 12-13 13-14

G1:O,S

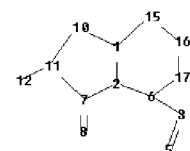
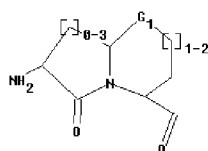
Match level :

1:Atom 2:Atom 3:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:CLASS 11:Atom 12:Atom
13:CLASS 14:CLASS

L22

STRUCTURE UPLOADED
D

Uploading L12.str



10/774043

```

chain nodes :
3 5 8 12
ring nodes :
1 2 6 7 10 11 15 16 17
chain bonds :
3-5 3-6 7-8 11-12
ring bonds :
1-10 1-2 1-15 2-6 2-7 6-17 7-11 10-11 15-16 16-17
exact/norm bonds :
1-10 1-2 1-15 2-6 2-7 3-5 3-6 6-17 7-8 7-11 10-11 11-12 15-16 16-17

```

G1:O,S

```

Match level :
1:Atom 2:Atom 3:CLASS 5:CLASS 6:Atom 7:Atom 8:CLASS 10:Atom 11:CLASS
12:CLASS
15:CLASS 16:CLASS 17:Atom

```

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L23      15 SEA SSS SAM L20 OR L21 OR L22
L24      952 SEA SSS FUL L20 OR L21 OR L22

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FILE 'HCAPLUS' ENTERED AT 11:32:05 ON 18 MAR 2009
L25      3540 SEA ABB=ON PLU=ON L24
          E PHOSPHOTRANSFERASE/CT
          E E3+ALL
L26      415 SEA ABB=ON PLU=ON PHOSPHOTRANSFERASE+OLD/CT
          E PHOSPHORYLATION/CT
          E E3+ALL
L27      119677 SEA ABB=ON PLU=ON PHOSPHORYLATION+OLD,NEW,PFT/CT
L28      0 SEA ABB=ON PLU=ON L6 AND (L26 OR L27)
L29      228895 SEA ABB=ON PLU=ON PHOSPHOTRANSFER? OR PHOSPHORYLAT?
L30      15261 SEA ABB=ON PLU=ON ENZYME# (S) L29
L31      0 SEA ABB=ON PLU=ON L6 AND L30
L32      13 SEA ABB=ON PLU=ON L6 AND KINASE#
          E PHOSPHOLIPASE/CT
L33      3 SEA ABB=ON PLU=ON L25 AND (L26 OR L27)
L34      1 SEA ABB=ON PLU=ON L25 AND L30
          D SCAN TI HIT

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FILE 'REGISTRY' ENTERED AT 11:42:21 ON 18 MAR 2009
L35      1 SEA ABB=ON PLU=ON 167305-00-2/RN
          D SCAN

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FILE 'HCAPLUS' ENTERED AT 11:43:28 ON 18 MAR 2009
L36      7 SEA ABB=ON PLU=ON L25 AND L29
          D SCAN TI HIT

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FILE 'REGISTRY' ENTERED AT 11:46:43 ON 18 MAR 2009
L37      50 SEA SSS SAM L8 OR L9 OR L10
L38      4607 SEA SSS FUL L8 OR L9 OR L10
          SAVE TEMP L24 SPI043RECOM1/A
          SAVE TEMP L38 SPI043RECOM2/A

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FILE 'HCAPLUS' ENTERED AT 11:48:56 ON 18 MAR 2009
L39      1225 SEA ABB=ON PLU=ON L38

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L40 1 SEA ABB=ON PLU=ON L39 AND L7
 D SCAN

FILE 'REGISTRY' ENTERED AT 11:52:18 ON 18 MAR 2009

L41 14 SEA SSS SAM L14 OR L15 OR L16
L42 208 SEA SSS FUL L14 OR L15 OR L16
 SAVE TEMP L42 SPI043RECOM3/A

FILE 'HCAPLUS' ENTERED AT 11:53:58 ON 18 MAR 2009

L43 1225 SEA ABB=ON PLU=ON L38
L44 32 SEA ABB=ON PLU=ON L42
L45 1 SEA ABB=ON PLU=ON (L43 OR L44) AND (L26 OR L27)
L46 3 SEA ABB=ON PLU=ON (L43 OR L44) AND L29
L47 3 SEA ABB=ON PLU=ON (L43 OR L44) AND (L30 OR PHOSPHOLIPASE#)
L48 25 SEA ABB=ON PLU=ON L32 OR L33 OR L34 OR L36 OR (L45 OR L46 OR
 L47)
L49 13 SEA ABB=ON PLU=ON L48 AND (L26 OR L27 OR L29 OR L30 OR
 PHOSPHOLIPASE#)
L50 1 SEA ABB=ON PLU=ON US20060293372/PN
 E QABAR MAHER N/AU
L51 28 SEA ABB=ON PLU=ON ("QABAR M"/AU OR "QABAR MAHER"/AU OR
 "QABAR MAHER N"/AU OR "QABAR MAHER NICOLA"/AU)
 E MCMILLAN MICHAEL K/AU
L52 11 SEA ABB=ON PLU=ON ("MCMILLAN MICHAEL"/AU OR "MCMILLAN
 MICHAEL K"/AU OR "MCMILLAN MICHAEL KIM"/AU OR "MCMILLAN
 MICHAEL KURT"/AU)
 E KAHN MICHAEL S/AU
L53 3 SEA ABB=ON PLU=ON ("KAHN MICHAEL S"/AU OR "KAHN MICHAEL
 STEVEN"/AU)
 E TULINSKY JOHN E/AU
L54 23 SEA ABB=ON PLU=ON ("TULINSKY J"/AU OR "TULINSKY JOHN"/AU OR
 "TULINSKY JOHN E"/AU OR "TULINSKY JOHN EDWARD"/AU)
 E OGBU CYPRIAN O/AU
L55 22 SEA ABB=ON PLU=ON ("OGBU CY O"/AU OR "OGBU CYPRIAN"/AU OR
 "OGBU CYPRIAN O"/AU)
 E MATHEW JESSYMOL/AU
L56 30 SEA ABB=ON PLU=ON ("MATHEW JESSY"/AU OR "MATHEW JESSY E"/AU
 OR "MATHEW JESSYMOL"/AU)
L57 2 SEA ABB=ON PLU=ON ((L51 OR L52 OR L53 OR L54 OR L55 OR L56))
 AND (L26 OR L27)
L58 2 SEA ABB=ON PLU=ON ((L51 OR L52 OR L53 OR L54 OR L55 OR L56))
 AND (L29 OR L30)
L59 2 SEA ABB=ON PLU=ON L57 OR L58

FILE 'REGISTRY' ENTERED AT 12:06:15 ON 18 MAR 2009

L60 2 SEA ABB=ON PLU=ON L6 AND (MEDLINE OR BIOSIS OR DRUGU OR
 EMBASE)/LC
L61 6 SEA ABB=ON PLU=ON L24 AND (MEDLINE OR BIOSIS OR DRUGU OR
 EMBASE)/LC
L62 15 SEA ABB=ON PLU=ON L38 AND (MEDLINE OR BIOSIS OR DRUGU OR
 EMBASE)/LC
L63 0 SEA ABB=ON PLU=ON L42 AND (MEDLINE OR BIOSIS OR DRUGU OR
 EMBASE)/LC

FILE 'MEDLINE' ENTERED AT 12:07:40 ON 18 MAR 2009

L64 1 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L26 OR
 L27)
L65 1 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR
 L30)

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FILE 'BIOSIS' ENTERED AT 12:08:39 ON 18 MAR 2009
L66 4 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR
L30)

FILE 'DRUGU' ENTERED AT 12:09:08 ON 18 MAR 2009
L67 3 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR
L30)

FILE 'EMBASE' ENTERED AT 12:09:28 ON 18 MAR 2009
L68 12 SEA ABB=ON PLU=ON ((L60 OR L61 OR L62 OR L63)) AND (L29 OR
L30)
D TI KWIC 1-5

FILE 'STNGUIDE' ENTERED AT 12:10:44 ON 18 MAR 2009
D QUE L59

FILE 'HCAPLUS' ENTERED AT 12:12:57 ON 18 MAR 2009
D L59 1-2 IBIB ABS HITSTR

FILE 'STNGUIDE' ENTERED AT 12:12:58 ON 18 MAR 2009
D QUE L49
D QUE L65
D QUE L66
D QUE L67
D QUE L68

FILE 'HCAPLUS, MEDLINE, BIOSIS, DRUGU, EMBASE' ENTERED AT 12:14:09 ON 18
MAR 2009
L69 24 DUP REM L49 L65 L66 L67 L68 (9 DUPLICATES REMOVED)
ANSWERS '1-13' FROM FILE HCAPLUS
ANSWER '14' FROM FILE MEDLINE
ANSWER '15' FROM FILE BIOSIS
ANSWERS '16-17' FROM FILE DRUGU
ANSWERS '18-24' FROM FILE EMBASE
D L69 1-13 IBIB ABS HITSTR HITIND
D L69 14-24 IBIB AB HITIND